



TITLE:

MEMORANDUM (Trends in Infinite Dimensional Analysis and Quantum Probability)

AUTHOR(S):

CITATION:

MEMORANDUM (Trends in Infinite Dimensional Analysis and Quantum Probability). 数理解析研究所講究録 2002, 1278: 210-211

ISSUE DATE:

2002-08

URL:

<http://hdl.handle.net/2433/42344>

RIGHT:

MEMORANDUM

Since the academic year of 1992 we have organized annually workshops on infinite dimensional analysis and quantum probability with wide spectrum of interests. We are most grateful to RIMS for their constant supports and to all the participants for active communications. A large part of our results have been already reported in a series of RIMS Kôkyûroku and further developments will be collected in the book "Non-Commutativity, Infinite-Dimensionality and Probability at the Crossroads (N. Obata, T. Matsui and A. Hora, eds.)" to be published from World Scientific within one year.

The titles of the past RIMS workshops are as follows:

1. White noise analysis and applications
Organizer: Nobuaki Obata (Nagoya University) 1993.3.22–24.
2. White noise analysis and quantum probability
Organizer: Nobuaki Obata (Nagoya University) 1993.12.6–9.
Oversea participants: Luigi Accardi (University of Rome Tor Vergata, Italy).
RIMS Kôkyûroku Vol. 874.
3. Analysis of operators on Gaussian space and quantum probability theory
Organizer: Nobuaki Obata (Nagoya University) 1995. 3.29–31.
Oversea participants: Kalyan B. Sinha (Indian Statistical Institute, India)
RIMS Kôkyûroku Vol. 923.
4. Quantum stochastic analysis and related fields
Organizer: Nobuaki Obata (Nagoya University) 1995.11.27–29.
Oversea participants: Luigi Accardi (University of Rome Tor Vergata, Italy), Lu Yun Gang (University of Bari, Italy).
RIMS Kôkyûroku Vol. 957.
5. Quantum stochastic analysis and related fields
Organizer: Taku Matsui (Tokyo Metropolitan University) 1996.10.23–25.
Oversea participants: Yun Gang Lu (University of Bari, Italy), Claudia Hertfelder (University of Tübingen, Germany), and others.
6. Recent trends in infinite dimensional non-commutative analysis
Organizer: Taku Matsui (Kyushu University) 1997.10.14–17.
Oversea participants: Volkmar Liebscher (University of Jena, Germany), Luigi Accardi (University of Rome Tor Vergata, Italy), Igor Volovich (Steklov Mathematical Institute, Russia), Sergei V. Kozyrev (Moscow State University, Russia), Alexander Chebotarev (Moscow State University, Russia).
RIMS Kôkyûroku Vol. 1035.
7. Development of infinite-dimensional noncommutative analysis
Organizer: Akihito Hora (Okayama University) 1998.10.14–16
Oversea participants: Luigi Accardi (University of Rome Tor Vergata, Italy), Igor Volovich (Steklov Math. Institute, Russia), Rémi Léandre (University of Nancy, France).
RIMS Kôkyûroku Vol. 1099.

8. New development of infinite-dimensional analysis and quantum probability
Organizer: Akihito Hora (Okayama University) 1999.9.16–17.
Oversea participants: Viacheslav P. Belavkin (University of Nottingham, UK), Un Cig Ji (Sogang University, Korea), Burkhard Kümmerer (University of Tübingen, Germany).
RIMS Kôkyûroku Vol. 1139.
9. Infinite dimensional analysis and quantum probability theory
Organizer: Nobuaki Obata (Nagoya University) 2000.11.20–22
Oversea participants: Viacheslav P. Belavkin (University of Nottingham, UK), Vasili Kolokoltsov (Nottingham Trent University, UK), Luigi Accardi (University of Rome Tor Vergata, Italy), Janusz Wysoczanski (University of Wrocław, Poland), Marek Bożejko (University of Wrocław, Poland), Un Cig Ji (Sogang University, Korea), Uwe Franz (University of Greifswald, Germany).
RIMS Kôkyûroku Vol. 1227.
10. Trends in infinite dimensional analysis and quantum probability
Organizer: Nobuaki Obata (Tohoku University) 2001.11.20–22
Oversea participants: Un Cig Ji (Chungbuk National University, Korea), Marek Bożejko (University of Wrocław, Poland), Wojciech Młotkowski (University of Wrocław, Poland), Janusz Wysoczanski (University of Wrocław, Poland), Habib Ouerdiane (University of Tunis El Manar, Tunisia).
RIMS Kôkyûroku = this volume.

The titles of RIMS workshops in Japanese:

1. ホワイトノイズ解析とその応用
研究代表者：尾畑伸明（名古屋大学・理学部） 1993.3.22–24.
2. ホワイトノイズ解析と量子確率論（数理解析研究所講究録 Vol. 874）
研究代表者：尾畑伸明（名古屋大学・理学部） 1993.12.6–9.
3. ガウス空間上の作用素解析と量子確率論（数理解析研究所講究録 Vol. 923）
研究代表者：尾畑伸明（名古屋大学・大学院多元数理科学研究科） 1995. 3.29–31.
4. 量子確率解析とその周辺（数理解析研究所講究録 Vol. 957）
研究代表者：尾畑伸明（名古屋大学・大学院多元数理科学研究科） 1995.11.27–29.
5. 量子確率解析とその周辺
研究代表者：松井 卓（東京都立大学・理学部） 1996.10.23–25.
6. 無限次元非可換解析学の動向（数理解析研究所講究録 Vol. 1035）
研究代表者：松井 卓（九州大学・大学院数理学研究科） 1997.10.14–17.
7. 無限次元非可換解析学の展開（数理解析研究所講究録 Vol. 1099）
研究代表者：洞 彰人（岡山大学・環境理工学部） 1998.10.14–16.
8. 無限次元解析と量子確率論の新展開（数理解析研究所講究録 Vol. 1139）
研究代表者：洞 彰人（岡山大学・環境理工学部） 1999.9.16–17.
9. 無限次元解析と量子確率論（数理解析研究所講究録 Vol. 1227）
研究代表者：尾畑伸明（名古屋大学・大学院多元数理科学研究科） 2000.11.20–22.
10. 無限次元解析と量子確率論の動向（数理解析研究所講究録 = 本誌）
研究代表者：尾畑伸明（東北大学・大学院情報科学研究科） 2001.11.20–22.